

N^o 18,712



A.D. 1892

Date of Application, 19th Oct., 1892

Complete Specification Left, 9th Dec., 1892—Accepted, 18th Mar., 1893

PROVISIONAL SPECIFICATION.

An Improved Folding Eyeglass.

WALTER WILLIAM WHITEHOUSE, 177^A Queens Road Hastings Sussex Optician do hereby declare the nature of this invention to be as follows:—

My invention consists in pivoting, or jointing, the well known sliding, expansible bridge of eyeglasses, (that are controlled by a spiral spring,) at each end of bridge, thus enabling the glasses to be folded one upon another, and allowing them to go into a much smaller case than hitherto.

November 16th 1892.

WALTER WILLIAM WHITEHOUSE.

COMPLETE SPECIFICATION.

10 An Improved Folding Eyeglass.

WALTER WILLIAM WHITEHOUSE 177^A Queens Road Hastings Sussex Optician do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

15 My invention consists of pivoting, or jointing the well known sliding, expansible bridge of eyeglasses (that are controlled by a spiral spring) at each end of the said bridge, at the point where the eye rims are brazed to the bridge, (see A on the drawings) Fig. I.

By the use of these pivots or joints (see A on drawing Fig. II) it allows the eye-
20 glass to be folded, an advantage much desired by persons using this particular form of eyeglass, especially when fitted with astigmatic lenses.

The process of making these pivots or joints, consists in taking two pieces of $\frac{1}{8}$ " inch square steel, which are brazed or soldered to the eye rims.

Then two pieces of $\frac{1}{8}$ " inch steel are brazed or soldered to the ends of the sliding
25 bridge.

The pieces of steel are then drilled slotted, and jointed together and finally pivotted with an evenly filed or turned pin or screw.

In the act of folding, each eye rim describes or completes a half circle. "A" on drawing Fig. III, shews top view of pivots or joints when folded.

30 This particular form of eyeglass has hitherto been unfoldable owing to it having a rigid bridge and the absence of the two joints or pivots, made in the manner described, and shown on drawing (A Fig. I).

It has the advantage of being small in compass when folded, thus allowing it to be put into a much smaller case or sheath than hitherto.

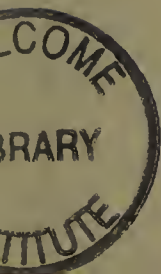
35 Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:

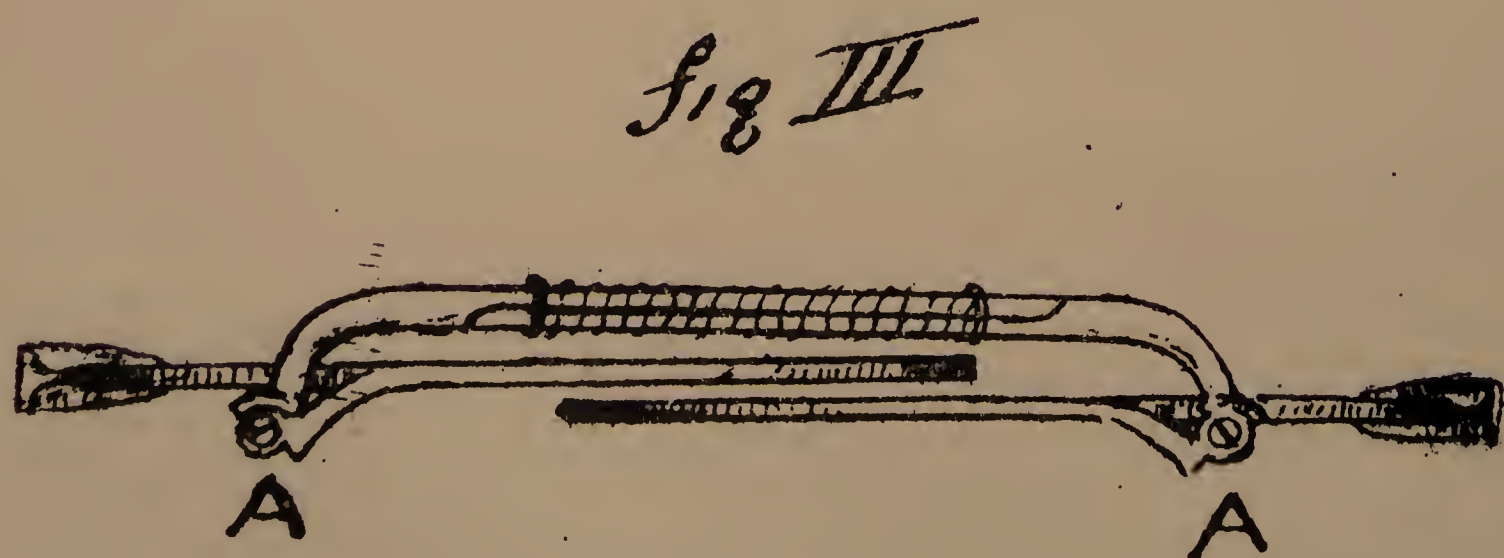
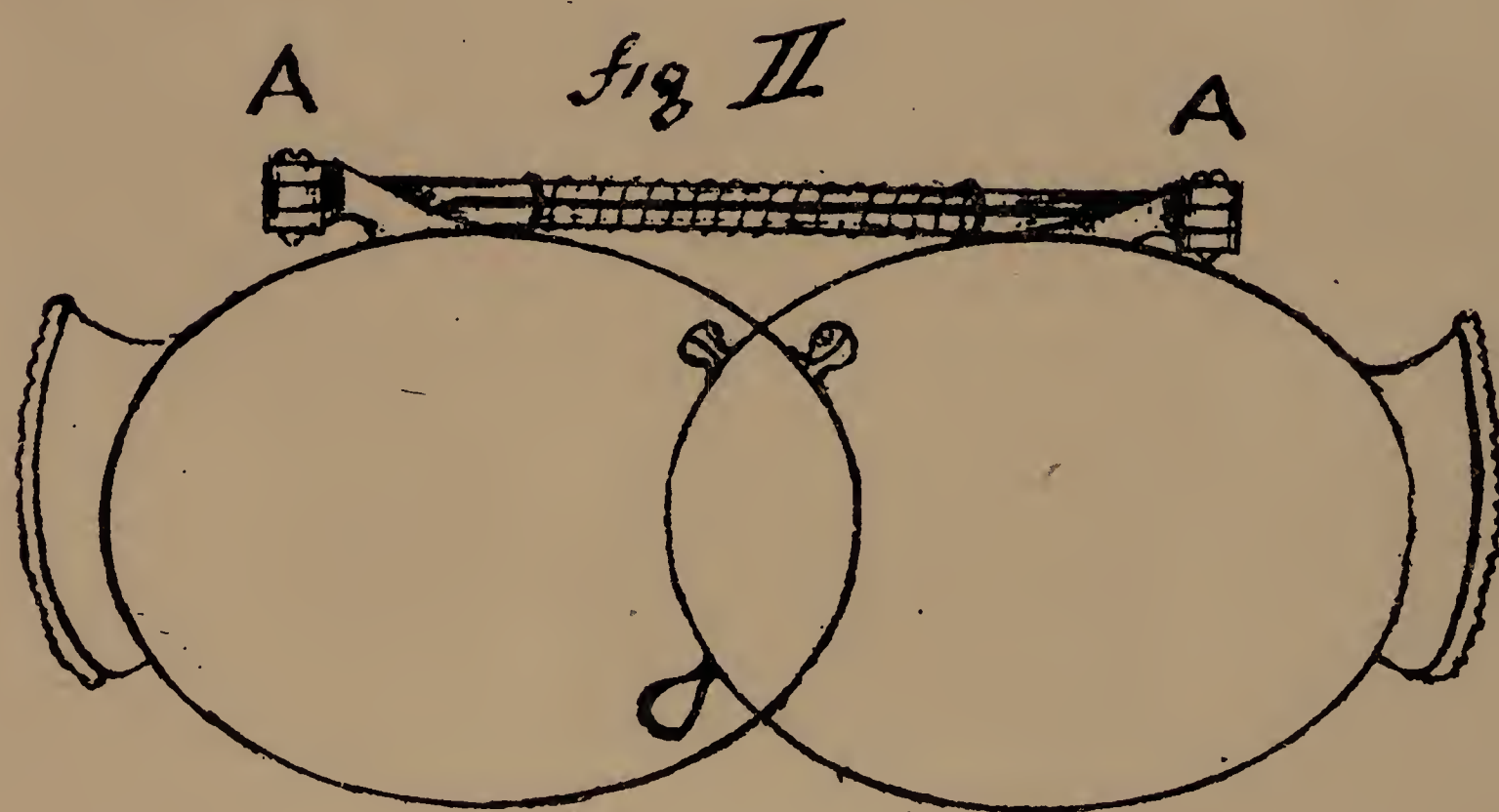
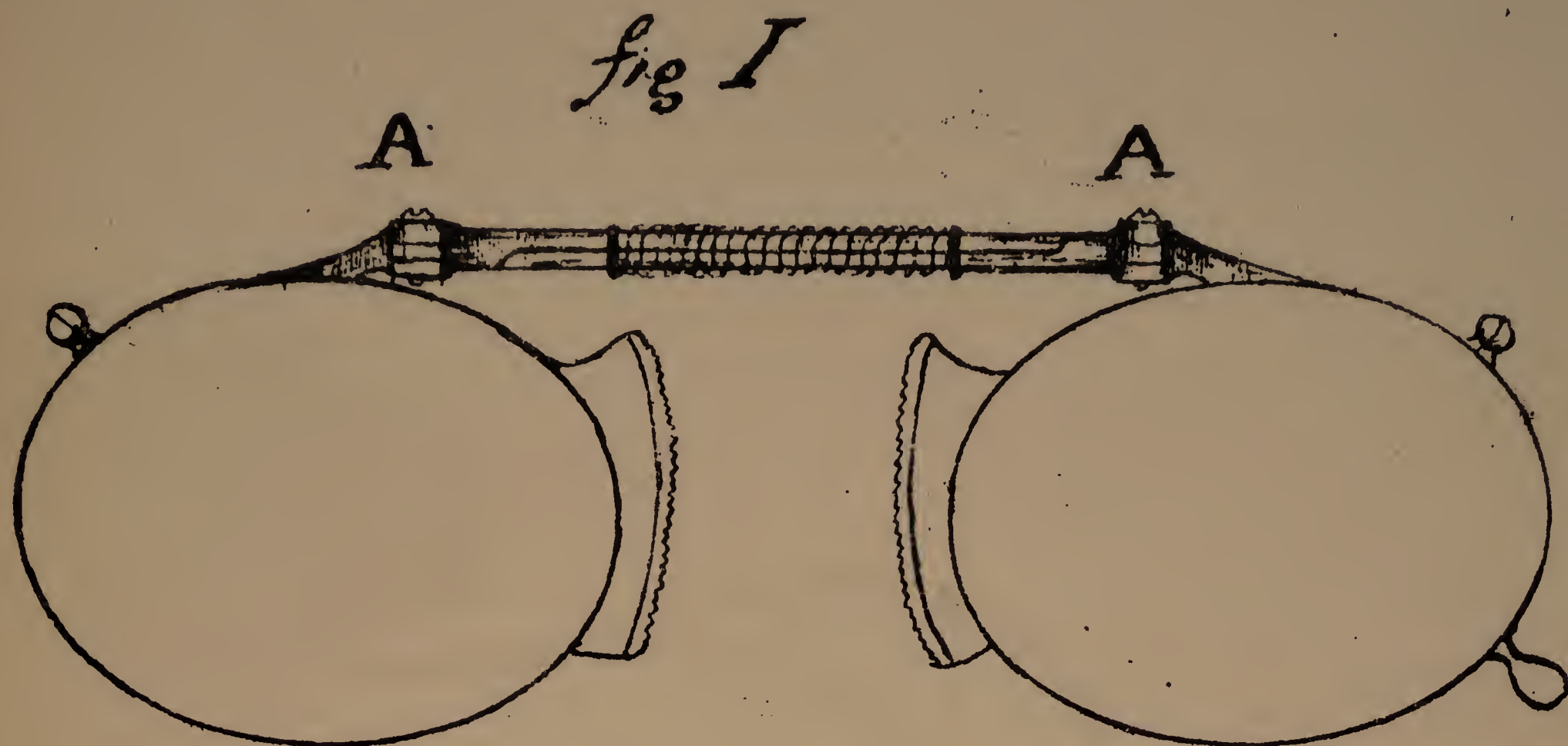
"The folding eyeglasses substantially as described."

Dated this 17th day of January 1893.

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WALTER WILLIAM WHITEHOUSE.





[This Drawing is a full-size reproduction of the Original.]

